

ABSTRACT

The invention relates to a polymerization inhibitor comprising at least one compound (a) selected from the group consisting of a compound having an NO radical in its molecule and a precursor compound capable of forming an NO radical, and a phosphorus-containing compound (b), wherein a weight ratio of the compound (a) to the phosphorus-containing compound (b) is 1:10 to 100:1.

Specifically, the invention provides a method for inhibiting the polymerization of at least one monomer (c) selected from the group consisting of a conjugated diene, an aromatic vinyl, an ethylenically unsaturated nitrile and an α -olefin, comprising causing the polymerization inhibitor to coexist with the monomer (c), and a polymerization-inhibiting composition comprising the polymerization inhibitor and the monomer (c).